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## Lithium Ion Battery Pack



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**powermode**

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ionbank®

INFORMATION

Lithium-ion battery for Uninterruptible Power Supplies.

UPS installations require rugged batteries that can withstand hot environments and regular cycling. The Q-on ionbank® meets these requirements.

- The Q-on ionbank® battery is a drop-in replacement of traditional AGM lead-acid batteries.

Q-on ionbank® Battery Advantages:

- Safety – LiFePO4 is a chemically stable Lithium-Ion battery
- Excellent “weight-to-energy density”
- Long cycle life
- Fast charging
- Low self-discharge
- Environmentally-friendly - no heavy metals or caustic materials.
- Tolerant of exposure to high temperatures.

The Q-on ionbank® range of batteries is available in normal and extended run configurations and is backed by a 10 year guarantee.

Q-on ionrent® is a flexible energy rental that eliminates the high cost of regular battery replacements.

TECHNICAL

SPECIFICATIONS

Q-on ionbank® LiFePO4 battery	20kWh	10kWh
Max Energy (kWh)	20	10
Energy 90% DoD (kWh)	18	9
Nominal Voltage (V)	204	204
Max/cont Discharge Current (A)	150/80	150/80
Max/cont Discharge Power (kW)	30/17	30/17
Max and cont. Charge current (A)	100	100
Weight (Kg)	222 Kg	130
Dimensions (h x w x d - mm)	745×640×290	710×640×290
DC connection fly leads	16mm <sup>2</sup>	16mm <sup>2</sup>
Enclosure	Aluminum power coated, IP54, wall or floor mount.	Aluminum power coated, IP54, wall or floor mount.
Temperature range	5~ to 60°C	5~ to 60°C
Service life	10 year (1000 cycles) @ 100% DoD or 10 year (3000 cycles) @ 80% DoD	10 year (1000 cycles) @ 100% DoD or 10 year (3000 cycles) @ 80% DoD

Specifications are subject to change



## ionrent® **INFORMATION**

Lithium-ion battery packs are the answer for Uninterruptible Power Supplies (UPS) systems currently operating on traditional lead-acid batteries. The Q-On ionbank® battery pack offers a drop-in solution to all major brands of UPS's ensuring reliable power supply and longevity in a power challenged environment.

Lithium-ion battery packs have not been a consideration in stand by power due to the associated cost, until now. The continued research and development and higher demand in the product has positioned these battery packs as a viable solution. These batteries do however remain at a higher cost compared to lead acid varieties hence the introduction of ionrent. The lithium-ion or ionbank rental program.

### ionrent® **Advantages:**

- Gain access to the latest technology and all associated benefits of lithium-ion battery packs
- Affordable monthly fee
- Peace of mind on your power system
- Steer clear of capital expenditure, this is an operational expense
- No more regular battery replacements, their safety risks or high replacement costs

### **Pricing Options**

Contact us for all pricing enquiries and custom solutions. We can tailor make a system to suit your exact operational requirements.

